

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016350.D
 Acq On : 14 Nov 2023 15:42
 Operator : SY/MD
 Sample : 05385-03RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-11102023RE

Quant Time: Nov 15 05:29:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

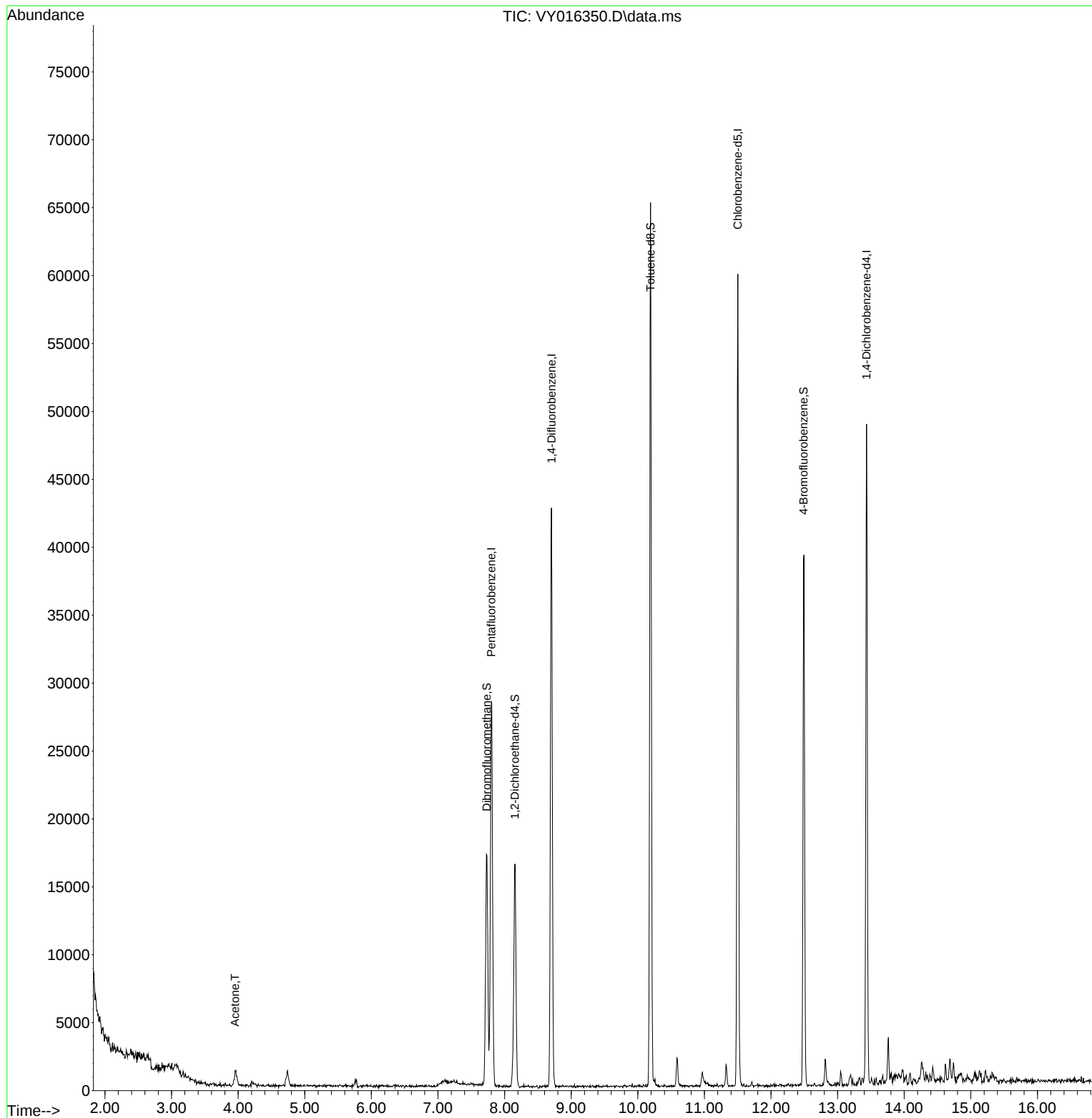
Internal Standards						
1) Pentafluorobenzene	7.801	168	22875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	37385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	33467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	12921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	12462	59.607	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.220%
35) Dibromofluoromethane	7.734	113	12516	58.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.860%
50) Toluene-d8	10.191	98	43321	50.303	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.489	95	12139	43.399	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.800%
Target Compounds						
16) Acetone	3.954	43	1930	55.809	ug/l	Qvalue 96

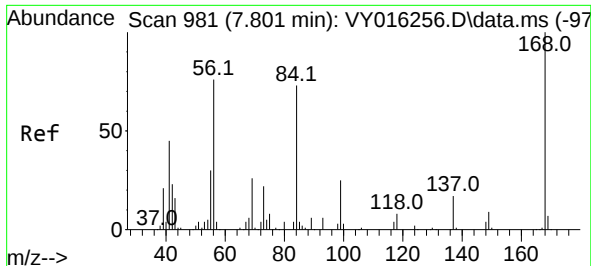
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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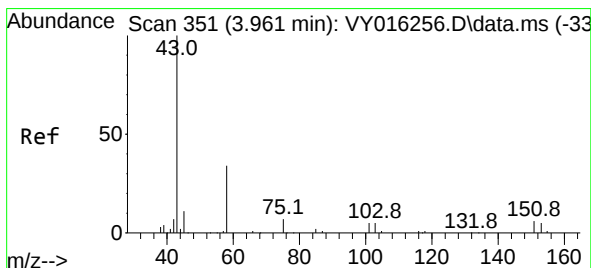
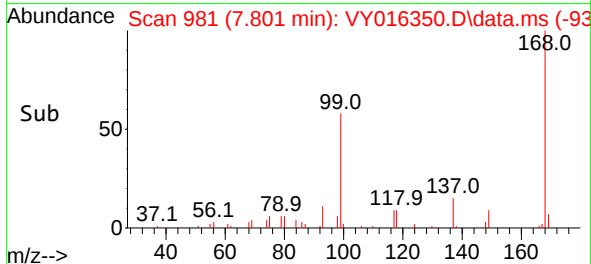
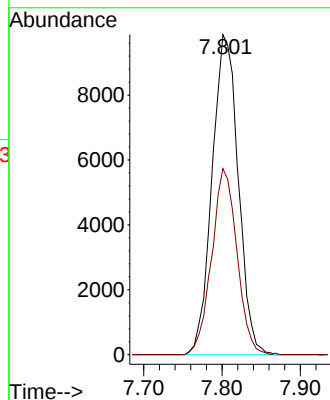
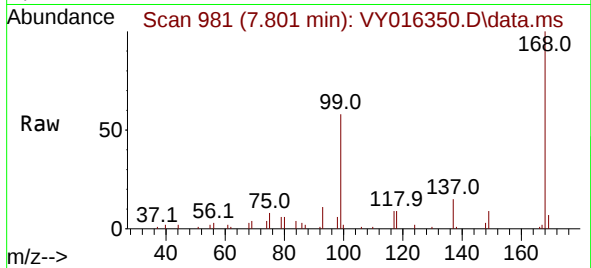




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016350.D
Acq: 14 Nov 2023 15:42

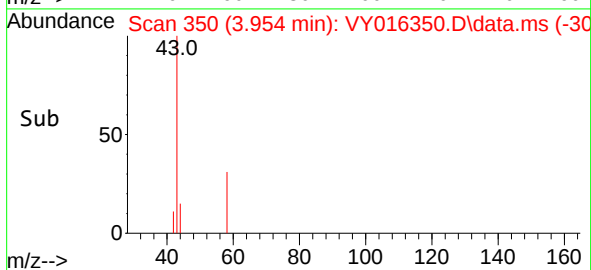
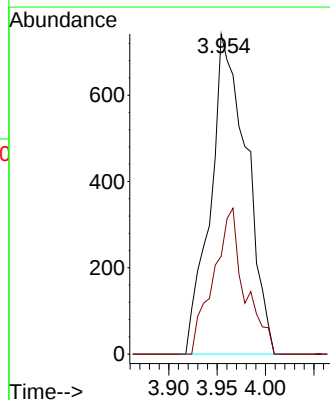
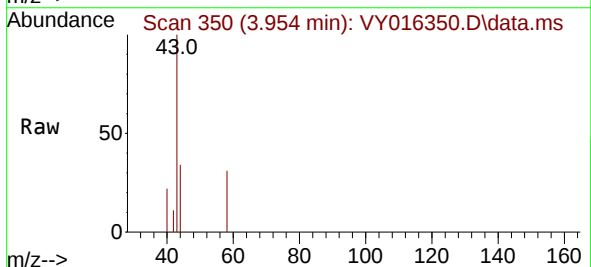
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-11102023RE

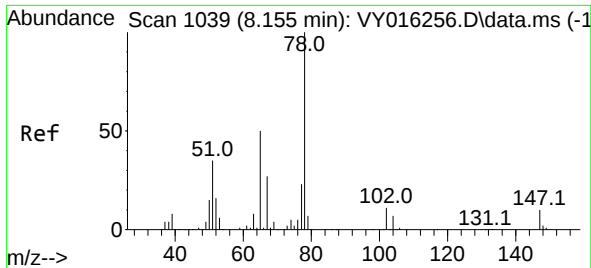
Tgt Ion:168 Resp: 22875
Ion Ratio Lower Upper
168 100
99 58.2 43.4 65.0



#16
Acetone
Concen: 55.809 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016350.D
Acq: 14 Nov 2023 15:42

Tgt Ion: 43 Resp: 1930
Ion Ratio Lower Upper
43 100
58 30.6 22.7 34.1

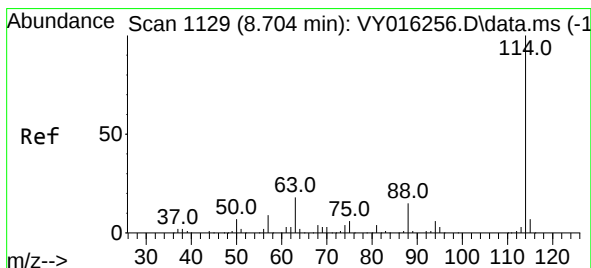
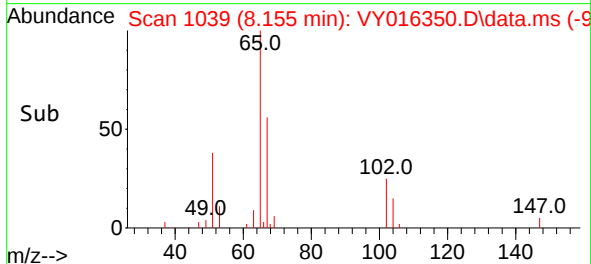
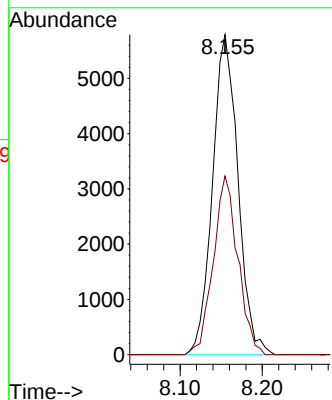
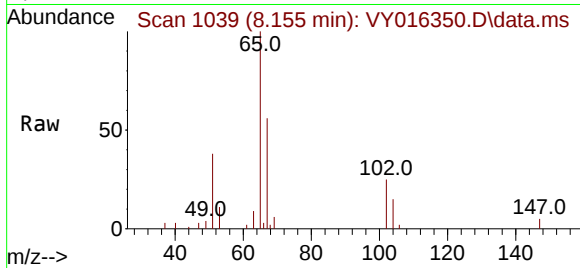




#33
 1,2-Dichloroethane-d4
 Concen: 59.607 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016350.D
 Acq: 14 Nov 2023 15:42

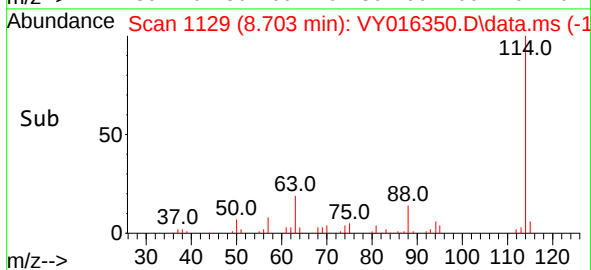
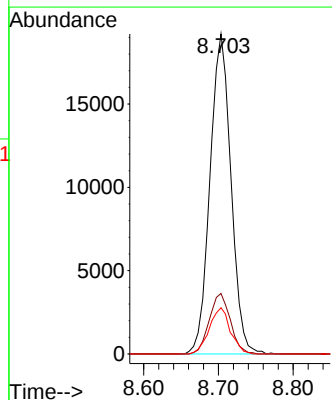
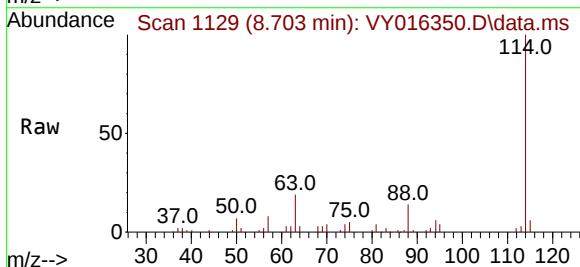
Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-11102023RE

Tgt Ion: 65 Resp: 12462
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016350.D
 Acq: 14 Nov 2023 15:42

Tgt Ion:114 Resp: 37385
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 42.4
 88 14.5 0.0 30.6

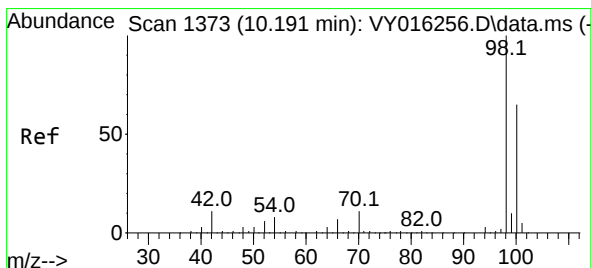
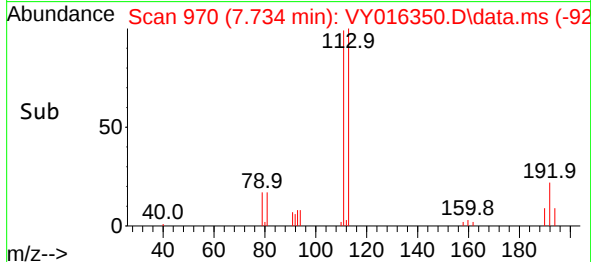
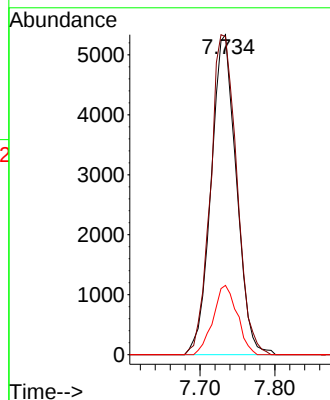
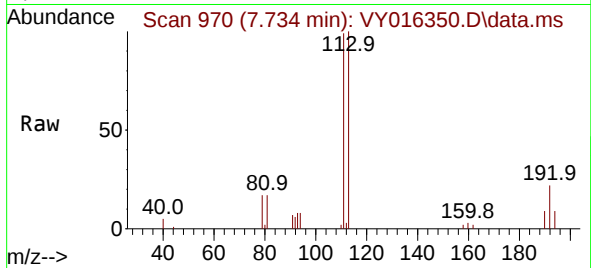




#35
Dibromofluoromethane
Concen: 58.935 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016350.D
Acq: 14 Nov 2023 15:42

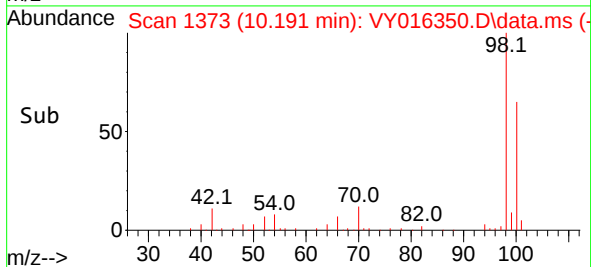
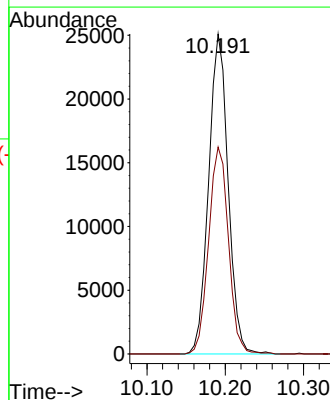
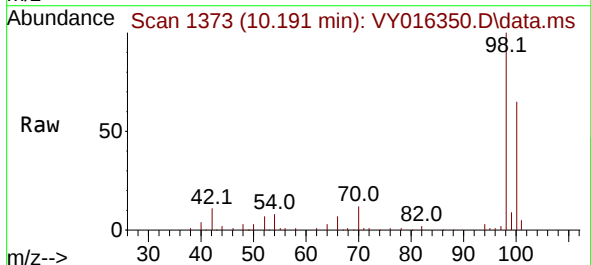
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-11102023RE

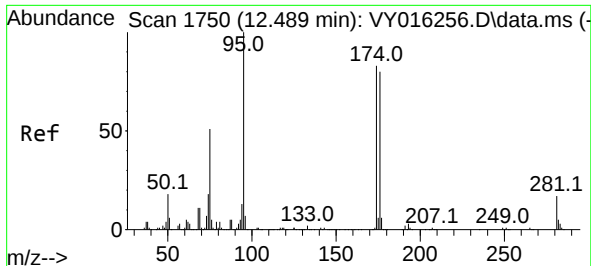
Tgt Ion:113 Resp: 12516
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 20.6 16.9 25.3



#50
Toluene-d8
Concen: 50.303 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016350.D
Acq: 14 Nov 2023 15:42

Tgt Ion: 98 Resp: 43321
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

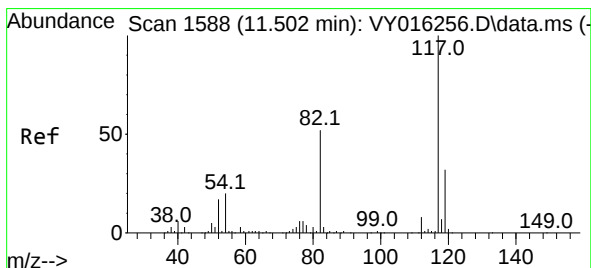
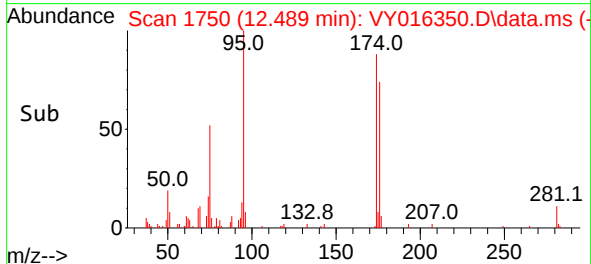
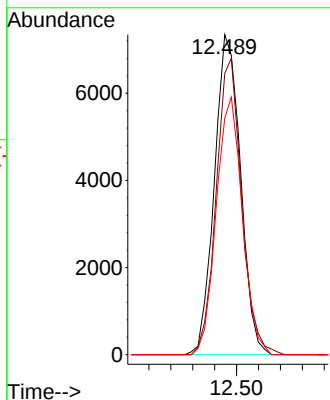
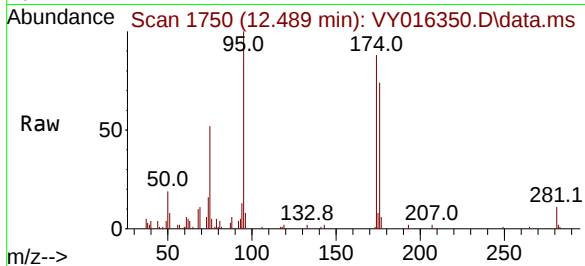




#62
4-Bromofluorobenzene
Concen: 43.399 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016350.D
Acq: 14 Nov 2023 15:42

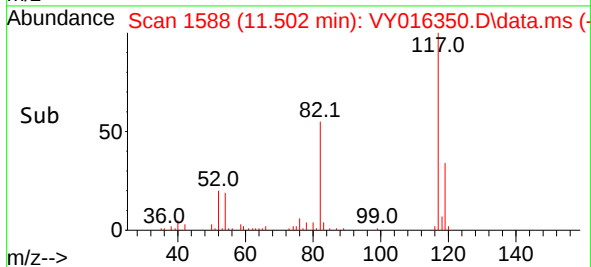
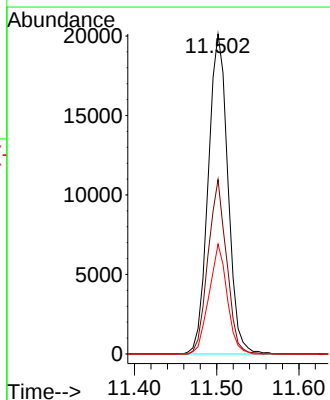
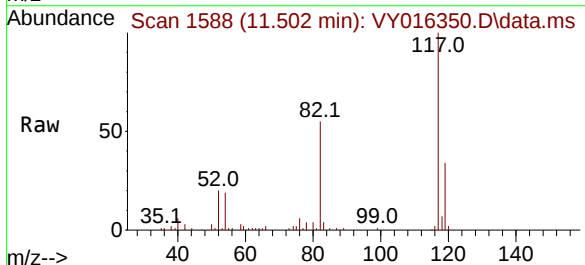
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HR-03-11102023RE

Tgt Ion:	95	Resp:	12139
Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	178.2
176	80.4	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016350.D
Acq: 14 Nov 2023 15:42

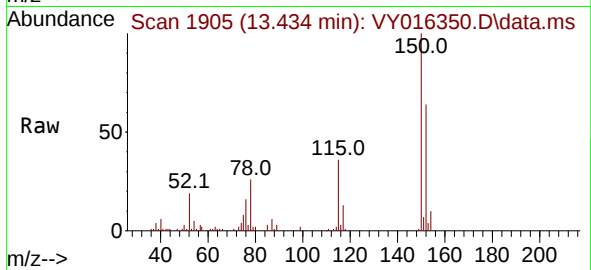
Tgt Ion:	117	Resp:	33467
Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.4	65.0
119	34.4	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016350.D
 Acq: 14 Nov 2023 15:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-11102023RE



Tgt Ion:	152	Resp:	12921
Ion Ratio	Lower	Upper	
152	100		
115	57.9	28.8	86.5
150	155.6	0.0	348.8

